

Amendments To The Specification:

Please delete the heading after the title on page 1.

Description

Please add the following new paragraphs after the title:

CROSS-REFERENCE TO RELATED APPLICATION

The present application claims priority to PCT/EP2004/007950 filed 16 July 2004 and to German Application No. 203 11 029.3 filed 17 July 2003, all hereby incorporated herein by reference.

STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

[0001] Not Applicable.

BACKGROUND OF THE INVENTION

Add the following heading after paragraph [0005].

SUMMARY OF THE PREFERRED EMBODIMENTS

Add the following heading after paragraph [0033].

BRIEF DESCRIPTION OF THE DRAWINGS

Add the following heading after paragraph [0038].

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

Please replace paragraph [0041] with the following amended paragraph:

[0041] The spindle nut 44 is partially inserted into a rotary sleeve 58 and attached to it releasably. The rotary sleeve is rotationally supported in a corresponding inner hole of the device housing 48 by means of oblique roller bearings. The rotation of the rotary sleeve 58 occurs by means of rotation of a flexible, approximately cup-shaped toothed sleeve 59 of a reduction gear 40 which is formed as a harmonic drive 41. At its open end on its outer side the toothed sleeve 59 exhibits teeth which engage corresponding inner teeth of a fixed ring element 60. Within the toothed sleeve 59 a wave generator 61 is arranged as a further part of the harmonic drive 41. This in each case widens oppositely located sections of the toothed sleeve so that its corresponding outer teeth engage the inner teeth of the ring element 60.

Please replace the Abstract paragraph with the following amended paragraph:

Metering device (1) in particular for metering an additive (2) in the field of oil exploration with a metering element (4) adjustable by an adjusting means. To improve such a metering device in that already with minimal movement of the adjusting means in a constructive simple way a particular amount of additive is added to raw material and also to quickly interrupt the metering, the metering element (4) comprises a metering gap (5) and a valve means (7) arranged behind the metering gap downstream in fluids moving direction (6).